

Special Issue

Fruit Flies (Diptera: Tephritidae): Behavior, Ecology and Integrated Management

Message from the Guest Editors

Fruit flies (Diptera: Tephritidae) comprise a globally distributed group of more than 5,000 species, including many major fruit and vegetable pests. Because the females lay eggs in the fruit mesocarp, and then the larvae feed on them, infestation often goes unnoticed, and invasive species can travel long distances through trading and passenger travel, where they become established as major pests. Major invasive pests, such as the Mediterranean fruit fly and the Oriental fruit fly, pose a huge threat to global fresh fruit production and trade. Because of the importance of fruit flies, there are major national and international initiatives to address them in a coordinated manner.

This Special Issue welcomes papers focusing on fruit fly pests of fruits and vegetables. Original research and review paper covering a wide range of subjects will be accepted, including basic research on stress physiology, behavior, ecology, invasion biology, genetics, microbiology, and management using conventional and alternative methods, such as the application of the Sterile Insect Technique.

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Editor-in-Chief

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